*RETURN TO FMF - LOCATION 7540

MC

QUERY CONTRO	L FORM			RTIS U	SE ONLY
Application No	1002/696	Prepared by	OS.	Tracking Number	
Examiner-GAU	SIEK- 2825	Date	5-3-04	Week Date	
_		No. of queries]	AG

JACKET					
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449		
b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b		
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract		
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs		
e. Domestic Priority	j. Claims Allowed	o. PTO-892	Other		

SPECIFICATION	MESSAGE (1) Issue Fee: There is no fee Stamp; Please Charge Dissue Fee, account number
a. Page Missing	Please Charge Dissue Fee, account number
b. Text Continuity	.12-2258
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
c. Duplicate Numbers	
d. Incorrect Numbering	initials AG
e. Index Disagrees	RESPONSE N
f. Punctuation	No Cl
g. Amendments	24)
h. Bracketing	2 4
i. Missing Text	(B)
j. Duplicate Text	
k. Other	
	initials

E-5 (Rev. 10/15/02) *LOCATION 7540

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

INSTRUCTIONS: This form should be used for transmining the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address; end/or (b) indicating a separate FZE ADDRESS* for maintenance fees notifications.

Note: A certificate of mailing can only be used for domestic mailings of the CURRENT CORRESPONDENCE ADDRESS (New Legibly market) with any corrections of use Book 1)

12/23/2003 7590 LSI LOGIC CORPORATION 1621 BARBER LANE MS: D-106 LEGAL MILPITAS, CA 95035

Note: A certificate of mailing can only be used for domestic mailings of the Foc(s) Transmiral. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificent of mailing or transmission.

Certificate of Mailing or Transmission

I bereby certify that this Fee(s) Transmissal is being deposited with the United
Suies Postal Service with sufficient postage for first class mail in an envelope
addressed to the Mail Stop ISSUE FEE address above, or being fleesimile
transmitted to the USPIO, on the data indicated below.

		10, on the case muchan	(Depositor's more)
Н Н	anu K	ashyap	(Signature)
W.	0/05	-	(1202)
TOR	2101	ATTORNEY DOCKET NO.	CONFIRMATION NO.
LLUK			

FIRST NAMED DIVEN FILING DATE 9160 APPLICATION NO. 01-490 10/30/2001

TITLE OF INVENTION: SYSTEM AND METHOD FOR OPTIMIZING AN INTEGRATED CIRCUIT DESIGN

			PUBLICATION FEE	TOTAL FRE(S) DUE	DATEDUE
APPLN. TYPE	SMALL ENTITY	issue fer		\$1330	03/23/2004
nonprovisional	NO	\$1330	\$0	. \$1330	
EXA	INER	ART UNIT		J	
	VUTHE	2825	716-002000		
Change of correspondent	e address or indication of "F		2. For printing on the patent front pages names of up to 3 registered patent agents OR, afternatively, (2) the name	of a single	r West PC LI
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) anached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recont) attached. Use of a Customer Number is required.		agents OK, archanter, a registered firm (having as a member a registered agent) and the manes of up to 2 registrators of agents. If no name is list will be primed.			

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignment is being submitted below, no assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

LSI Logic Corporation

Milpitas, California USA Q individual \(\sum_{\text{Q}}\) Comportation or other private group ontity \(\sum_{\text{Q}}\) government

tease check the appropriate satisface category or categories (will not be primed on the patent): A The following fee(s) are enclosed: (A) Payment of Fee(s): (B) A check in the autount of the fee(s) is enclosed. (C) Payment by credit card. Form PTO-2038 is annahed. (C) Payment by credit card. Form PTO-2038 is annahed. (E) Payment by c	Dar nogre		on the Production	Excorporation or other private group entity U government
A check in the amount of the fee(s) is enclosed. Charles Char	and the second restaurant of category	its (will not be primed on the patent);	C IDGIARTING	Acapon
Discuss fee O Publication Fee O Advance Order • # of Copie Discuss is requisted to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Authorized Signature) Leo Peters ONTE: The Issue We and Publication Fee (if required) will not be accepted from anyone other than the applicants a registered attorney or agency or the assignate or other party in other than the applicants a registered attorney or agency or the assignate or other party in other hand to application of information is required by 7 CFR 1.311. The information is required to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process a submining the estimated to take 12 minutes to complete, including sundays generating propries, and asbehming the complete with form and/or case. Any comments on the amount of time you require to complete with form and/or assets and the complete with formation Offices, U.S. Department of the Chief Information Offices, O.D NOT SPID FEES OR COMPLETED FORMS TO THIS ADDRESS. 227111.1450. DO NOT SPID FEES OR COMPLETED ROBANT as required to respond	Please check the appropriate antigues	4b. Payment of Fee(s):		
Director for Powers is required to apply the Issue Foe and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. [Authorized Signature] Leo Peters 33,562 [Obar) Leo Peters 33,562 [Obar) NOTE: The Issue We and Publication Fee (if required) will not be accepted from anyone other than the applicants a registered attorney or agency or the assignate or other party in interest as shown by the records of the United States Palent and Trademark Office. This collection of information is required by 37 CFR 1.31. The information is required to obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process on the submitted as submitting the estimated to take 12 minutes to complete, including generate, preparing, and submitting the complete with form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete the formation Office. U.S. Department of the Chief Information Officer, U.S. Depa		O A check in the auto	ant of the foc(s)	is enclosed.
Director for Powers is required to apply the Issue Foe and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. [Authorized Signature] Leo Peters 33,562 [Obar) Leo Peters 33,562 [Obar) NOTE: The Issue We and Publication Fee (if required) will not be accepted from anyone other than the applicants a registered attorney or agency or the assignate or other party in interest as shown by the records of the United States Palent and Trademark Office. This collection of information is required by 37 CFR 1.31. The information is required to obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process) an obtain or retain a benefit by the public which is to file tend by the USF10 to process on the submitted as submitting the estimated to take 12 minutes to complete, including generate, preparing, and submitting the complete with form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete the formation Office. U.S. Department of the Chief Information Officer, U.S. Depa		C Payment by credit of	ard. Form PTO	-2038 is anacoso.
Director for Powers is requisted to apply the Issue For and Publication Fee (if any) or to re-apply any previously paid issue fee to the application (Authorized Signature) Leo Peters NOTE: The Issue We and Publication Fee (if required) will not be secepted from anyone other than the applicant; a registered numericary or assent; or the assignae or other party in other than the applicant a registered numericary or assent, or the assignae or other party in other than the applicant in the required by 37 CFR [31]. The information is required to This collection of information is required by the USFTO to process) an obtain or retain a benefit by the public which is to file (and by the USFTO to process) and obtain or retain a benefit by the public which is to file (and by the USFTO to process) and completed application from to the USFTO. Times will vary depending upon the individual completest application from to the USFTO. Times will vary depending upon the individual completest application from to the USFTO. Times will vary depending upon the individual suggestions for reducing this burden, about the season of the Charles of Complete will be seas to the Charles Information Officer, U.S. Department of Complete and Trademark Office.		XXX be Director is her	ceph amporized	by charge the required sector copy of this form).
(Authorized Signature) Leo Peters 33,562 NOTE: The Issue Vic and Publication Fee (if required) will not be secepted from anyone pherometry of september of the september of the second of the United Saute Falent and Trademark Office. This collection of information is required by 37 CFR 1311. The information is required to Orbital or retain a benefit by the public which is to file (and by the USFTO to process) an objection Conditionating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is application. Conditionating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is completed to Conditionating gathering, preparing, and submitting the estimated to take 12 minutes to complete including gathering, preparing, and submitting the estimated to take 12 minutes to complete including gathering, preparing, and submitting the estimated for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Complete this form and/or case. Any comments on the amount of time you require to complete department of the amount of complete sent of Compression Officer, U.S. Department of Compression Officer, U.S. Departm	Advance Order - # of Copies	Deposit Account Nur	Der 12 ZZ	the section of the symbication identified above.
(Authorized Signature) Leo Peters 33,562 NOTE: The Issue Vic and Publication Fee (if required) will not be secepted from anyone pherometry of september of the september of the second of the United Saute Falent and Trademark Office. This collection of information is required by 37 CFR 1311. The information is required to Orbital or retain a benefit by the public which is to file (and by the USFTO to process) an objection Conditionating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is application. Conditionating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is completed to Conditionating gathering, preparing, and submitting the estimated to take 12 minutes to complete including gathering, preparing, and submitting the estimated to take 12 minutes to complete including gathering, preparing, and submitting the estimated for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Complete this form and/or case. Any comments on the amount of time you require to complete department of the amount of complete sent of Compression Officer, U.S. Department of Compression Officer, U.S. Departm	A Just a James Foods	ad Publication Fee (if any) or to re-apply	any previously	paid issue red to the appropriate
(Authorized Signature) Leo Peters 33,562 NOTE: The Issue Vic and Publication Fee (if required) will not be secepted from anyone pherometry of september of the september of the second of the United Saute Falent and Trademark Office. This collection of information is required by 37 CFR 1311. The information is required to Orbital or retain a benefit by the public which is to file (and by the USFTO to process) an objection Conditionating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is application. Conditionating is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is completed to Conditionating gathering, preparing, and submitting the estimated to take 12 minutes to complete including gathering, preparing, and submitting the estimated to take 12 minutes to complete including gathering, preparing, and submitting the estimated for reducing this burden, should be sent to the Chief Information Officer, U.S. Department of Complete this form and/or case. Any comments on the amount of time you require to complete department of the amount of complete sent of Compression Officer, U.S. Department of Compression Officer, U.S. Departm	Director for Possess is requisited to approve the tasks to a			
Leo Peters 33,562 NOTE: The Issue We and Publication Fee (if required) will not be securous from anyone other hand to be specially a registered unturney or agent, or the assignment or other party in other than the applicant, a registered unturney or agent, or the assignment of the control of the United States Patent and I radicement Office. This collection of information is required by 77 CFR 1.311. The information is required to This collection of information is required by 18 U.S.C. 122 and 37 CFR 1.14. This collection is application. Conditentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is explication. Conditentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is completed to confident application form to the OSTIO. Time will very depending upon the individual accompleted application form to the OSTIO. Time will very depending upon the individual accompleted application form to the OSTIO. Time will very depending upon the individual accompleted application form to the OSTIO. Time will very depending upon the individual accompleted application form to the OSTIO. Time will very depending upon the individual accompleted on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments of the amount of time you require to complete the formation Office. U.S. Department of Comments. Alexandria, Virgitia 12313-1450. 2013 The Commissioner for Pannan, Alexandria, Virgitia 22313-1450. 21313-1450. Commissioner for Pannan, Alexandria, Virgitia 22313-1450. 214 Under the Pancrowork Reduction Act of 1995, no persons are required to respond to a substitute of information unless it displays a valid OMB control number.				
Leo Peters 33,302	(Authorized Signature)	11 /		
Interest as shown by the records of the United Safete Planta and Transcription of the United Safete Planta of United Safete	Leo Peters / 33,562	1 - 0 - 10		
Interest as shown by the records of the United Safete Planta and Transcription of the United Safete Planta of United Safete	NOTE: The Issue We and Publication Fee (if require	mor, or the arrignes or other party in		in.
This collection of information is required which is to file (and by the USFTO to process) to obtain or return a bearift by the public which is to file (and by the USFTO to process) to obtain or return a beariff by the public which is to file (and by the USFTO to process) to obtain or return a beariff by the public which is obtained to take 12 minutes to complete the 12 minutes to complete on the individual complete application form to the USFTO. Time will vary depending upon the individual complete application form to the USFTO. Time will vary depending upon the individual complete on the amount of time you require to complete this form and/or case. Any comments on the amount of time you require to complete this form and/or case. Any comments of the amount of time you require to complete this formation Officer, U.S. apparent of Complete this formation Officer, U.S. Poparent of Complete the Committee of the Chief Information Officer, U.S. STAID FEES OR COMPLETED FORMS TO THIS ADDRESS. 22131-1450. DO NOT STAID FEES OR COMPLETED FORMS TO THIS ADDRESS. 22131-1450. DO NOT STAID FEES OR COMPLETED FORMS TO THIS ADDRESS. 22131-1450. DO NOT STAID FEES OR COMPLETED FORMS TO THIS ADDRESS. 22131-1450. The committee of Papernow Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction of the Papernow's Reduction Act of 1995, no peaces are required to respond to a Under the Papernow's Reduction of the Papernow's Reduction of the Papernow's Reduction of the Papernow's Reduction of the Papernow's Red				63
estimated to take 12 minutes to complete minutes and any depending upon the unity of the complete application from to the USPTO. Times will vary depending upon the unity of the complete will form and/or case. Any comments on the amount of time you require to complete will form and/or case. Any comments on the amount of time you require to complete with the complete will be sent to the Chief Information Officer, U.S. Department of Comments of the Chief Information Officer, U.S. Department of Comments of the Chief Information Officer, U.S. Department of Comments of the Chief Information Officer, U.S. Department of the Chief Information Officer, U.S. Department of the Chief Information of the Chief Information of the Chief Information of the Chief Information unless in displays a valid OMB control number.	This collection of information is required by 37 CFI	file (and by the USPTO to process) an		72
estimated to take 12 minutes to complete minutes and repeating upon the individual complete of form to the OSPTO. Time will vary depending upon the minvature complete application from to the OSPTO. Time will vary depending upon the minvature complete that form and/or exec. Any comments on the amount of time you require to complete this form and/or exec. Also and the complete that the com	obtain or remm a benefit by the public water U.S.C.	122 and 37 CFR 1.14. This collection is	l	8
See Any Controls for reducing this burden, should be sent to the Control of Computers: Alexandria, Virginia suggestions for reducing Coffice. U.S. Department of Computers: Alexandria, Virginia 2011; 1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. 22113-1450. SEND TO: Commissioner for Pananta, Alexandria, Virginia 22113-1450. SEND TO: Commissioner for Pananta, Alexandria, Virginia 22113-1450. Under the Pananta Control of 1995, no penanta are required to respond to 2 Under the Pinformation unless it displays a valid OMB control number.	estimated to take 12 minutes to complete including	il vary depending upon the individual	1	
22313-1450. DO NOT SPAD FEES OR COMPLETE. SEND TO: Commissioner for Famab, Alexandria, Virginia 22313-1450. SEND TO: Commissioner for Famab, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no pensons are required to respond to 2 Under the Programming unless it displays a valid OMB control number.	completed application tout to the amount of time you	require to complete this form	1	~ :
22313-1450. DO NOT SPAD FEES OR COMPLETE. SEND TO: Commissioner for Famab, Alexandria, Virginia 22313-1450. SEND TO: Commissioner for Famab, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no pensons are required to respond to 2 Under the Programming unless it displays a valid OMB control number.	suggestions for reducing this burden, should be sent	of Commerce, Alexandria, Virginia	Į.	32
Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to a Under the Paperwork Reduction Act of 1995, no penions are required to respond to the responding to the respond to the responding to the respond			·	χχ
Under the Paperwork Reduction Act of 1995, no periods and the Paperwork Reduction Act of 1995, no periods rumber.	SEND TO: Commissioner for Pamats, Alexandra,	second to a	1	-
	Under the Paperwork Reduction Act of 1995, no	AB control number.	<u> </u>	——————————————————————————————————————
				S C A ANCOMME

05/07/2004 DIERRY FC:1501